

More Asymptotes and Holes

Function	Hole(s)	Vertical Asymptote(s)	Horizontal Asymptote	x-intercept(s)	y-intercept
$y = \frac{4x}{x-3}$					
$y = \frac{5x^2}{3+x}$					
$y = \frac{-4x^2}{(x-2)(x+4)}$					
$y = \frac{-4+x^2}{(x-2)(x+4)}$					
$y = \frac{3x(x-1)}{2x^2-5x+3}$					
$y = \frac{x}{x^4-1}$					